



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Attorney Docket No.: Q62334

John G. MCINERNEY, et al.

PCT/IE99/00053

Appln. No.: 09/719,807

Group Art Unit: 2826

Confirmation No.: 4978

Examiner: J Mondt

Filed: December 18, 2000

For: A SEMI CONDUCTOR DEVICE AND A METHOD FOR VARYING CURRENT DENSITY IN AN ACTIVE REGION OF A JUNCTION OF THE SEMI-CONDUCTOR DEVICE

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action of July 11, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 1, 2, 6, 9, 11, 12, 16, 18-24, 31, 32, 46 and 48-50 without prejudice or disclaimer.

Please add the following new claims:

--61-- A semi-conductor device (1) comprising:

a semi-conductor medium (2) which defines a junction (5),

a first electrical contact (6) and a second electrical contact (7), the respective electrical contacts (6,7) being located spaced apart from each other by at least the semi-conductor medium (2) and in electrical contact with the semi-conductor medium (2) for pumping current through the

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